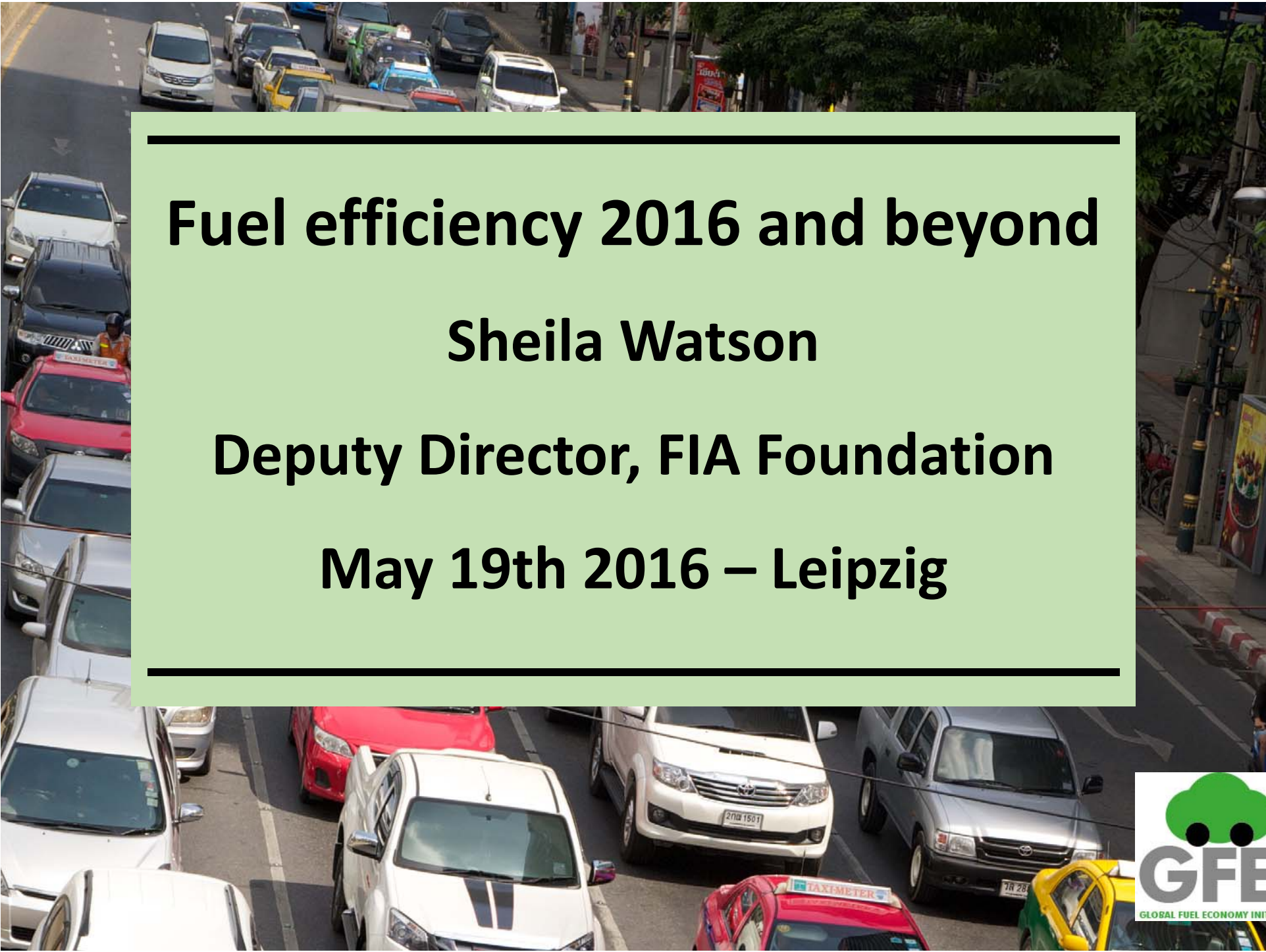




Fuel efficiency 2016 and beyond

Sheila Watson

Deputy Director, FIA Foundation

May 19th 2016 – Leipzig

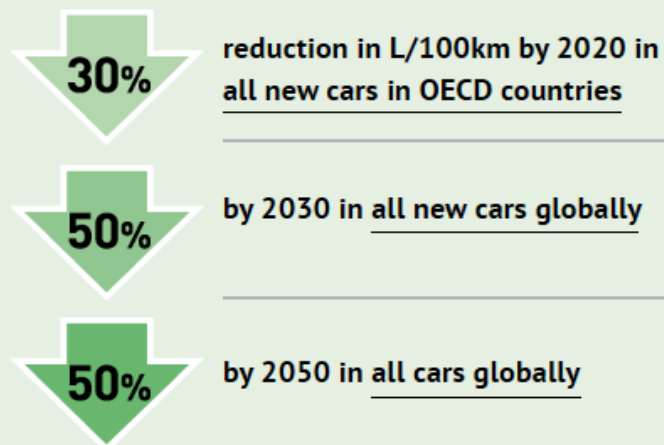


Launched in 2009, with target of doubling fuel economy ('50by50')

Six core partners: FIA Foundation, UNEP, IEA, ITF, ICCT and UC Davis. Financial support from FIA Foundation, GEF and European Commission

THE GFEI FUEL ECONOMY TARGETS

From 2005 baseline:



GFEI recognized as leading vehicle efficiency initiative

Achim Steiner 'a model alliance that should inspire other sectors'



WHAT CAN FUEL ECONOMY DELIVER?

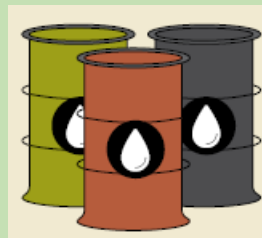
Financial Savings



\$2 trillion savings

A total of **\$2 trillion** could be made in fuel savings by 2025, **\$500 billion** of which would fund the costs of initiating a transition to electric vehicles.

Reduced dependence on oil



Lower carbon emissions



300 fewer power stations

The **33Gt** of CO₂ that could be saved between 2015 and 2050 is roughly the equivalent of closing **300** coal power stations over the same time period.

Air quality benefits



From associated improved vehicle emissions standards

WHAT DOES GFEI DO?

RAISING
GLOBAL
AWARENESS

IN-COUNTRY
POLICY
SUPPORT

RESEARCH AND
EVIDENCE



FUEL ECONOMY STATE OF THE WORLD 2016



Global Progress

FUEL ECONOMY Average LGE/100km

2005

2013

OECD
COUNTRIES

LGE/100km

2005
8.6

-1.7

2013
6.9

NON-OECD
COUNTRIES

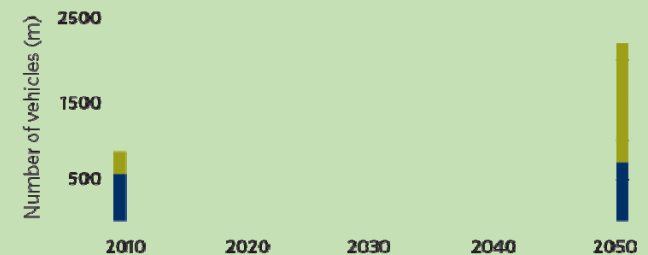
LGE/100km

2005
7.3

-0.1

2013
7.2

FUTURE VEHICLE GROWTH TRENDS



OECD PASSENGER VEHICLES

NON-OECD PASSENGER VEHICLES

GFEI's Initiative at COP21



- \$7million funding
- New research
- 40 new countries

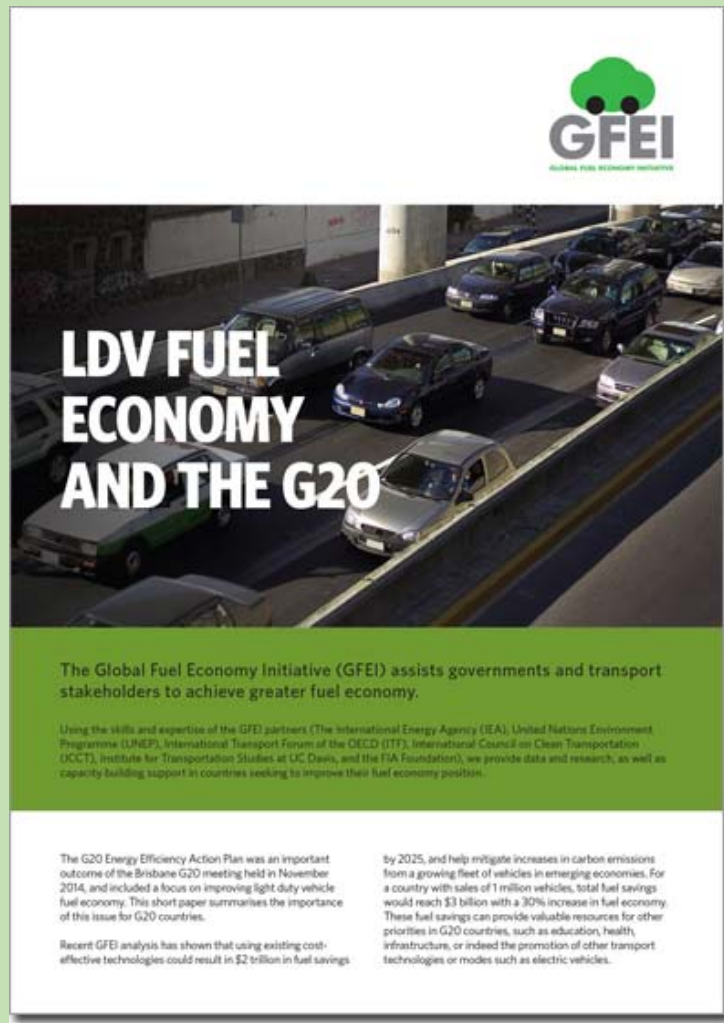


countries with ongoing projects	new countries 2016	Countries expressed interest
1Chile	28Malaysia	63Panama
2Ethiopia	29Bangladesh	64Iran
3Indonesia	30Kazakhstan	65Angola
4Kenya	31Mali	66Bhutan
	32Nigeria	
5Georgia	33Togo	67Burkina Faso
6Ivory Coast	34Tanzania	68Burundi
7Mauritius	35Rwanda	69Cambodia
8Jamaica	36Bolivia	70Cameroon
9Montenegro		71Cape Verde
	37Argentina	
10Macedonia	38Ecuador	72D.R. Congo
11Costa Rica	39Ukraine	73Eritrea
12Vietnam	40Jordan	74Fiji
13Morocco	41Colombia	75Guinea
14Bahrain	42Djibouti	76Iran
15Tunisia	43Dominican Republic	77Kyrgyzstan
16Thailand	44Guatemala	78Laos
17Peru	45Moldova	79Lesotho
18Russia		80Marshall Islands
	46Pakistan	
19Benin	47Barbados	81Mongolia
20Algeria	50St. Lucia	82Namibia
21Uruguay	51Lebanon	83Niger
22Nepal	52Zambia	84Papua New Guinea
23Paraguay	53Ghana	85Senegal
24Sri Lanka	54Malawi	86Sierra Leone
25Philippines	55Zimbabwe	87Solomon Islands
26Uganda	56Honduras	88South Africa
27Egypt		89Tajikistan
	57Nicaragua	
	58El Salvador	90Turkmenistan
	59Botswana	91Turkey
	60Mozambique	92Armenia
	61Myanmar	93Azerbaijan
	62Liberia	94Serbia
		95Cape Verde

Momentum for change - UNFCCC



Momentum for change – G20



Momentum for change - SDGs

SUSTAINABLE DEVELOPMENT GOALS



7 AFFORDABLE AND
CLEAN ENERGY



13 CLIMATE
ACTION





Thanks

www.globalfueleconomy.org

